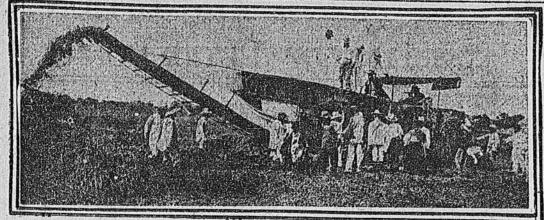
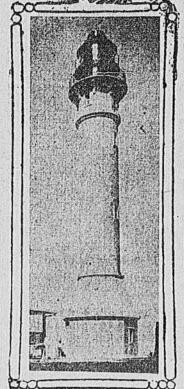
## How Philippines Grow in Industry and Wealth



Hite thresher on the government farm. On top sta-ce of the large amount of rice coming out. They d to deceive them.



ne of our new lighthouses. This is Bolinno, Western Luzon. The flash-light is visible twenty-four miles.

Ing light in visible twenty-four miles.

BY FRANK G. CARPENTER.

Washington, D. C.

This letter has nothing to do with the politics of the Philippines. It will not discuss the feelings of the people, nor deal with their ability or non-ability to rule. It is a business letter and treats of business conditions. I want to show you semithing of the changes which have taken place in the Islands during the past twelve years. When I traveled over them in 1899 the chief method, of transportation was an ox cert with solid wooden wheels as big around as the top of a kitchen table and sime so narrow that they cut like a knife, italif the year the roads were rivers of mud and the other half they were ruts. There were very few roads. The only highways through the mountains were trails, and I found that the people of one locality had almost nothing in do with their neighbors over the nills ten miles away.

As zoon as Uncle Sam took hold he

as with their neighbors over the bills ten miles away.

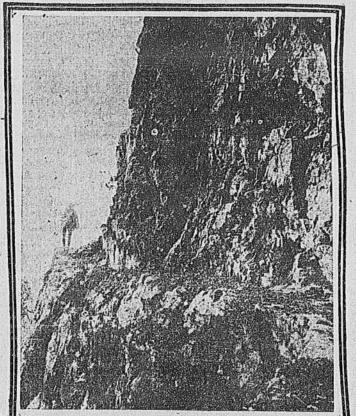
As soon as Uncle Sam took hold he began to build roads. He got this people to building them, and there is now a good roads rovement throughout the whole archipelago. It started with building short sections, but the work, is heling done after a great systim and, it will in time form a neitwork covering the islands. The insular government is offering prizes to the provinces to attinulate road building. It gives a prize of \$7,500 tach year to the one that constructs the greatest number of kilometres of first class roads and keeps its old roads in condition. It has a second prize of \$5,000 for the province which stands next, and a third one of \$2,500 for the one which gives most to the road and bridge founds during the twelve months preceding.

Four Thousand Miles of New Roads.

Four Thousand Miles of New Roads, As the result of such work done by he insular government with the air



The Carolina Bridge, Philippine Islands. Nearly 1,000 sloce 1907.



of the municipalities several thousand miles of good roads are now opened and in excellent condition. There are nine hundred miles of first-class highways which are heavily surfaced and over which automobiles can run as well as over the best roads of the United States. There are 7,109 miles which have been built by the municipalities and there are thousands of miles of trails through the mountains.

The general management of the good roads movement is under the Eureau of Public Works. That bureau has 1,400 men in its technical and has its own probservers. The bureau has a road working army of more than 20,600 according to the present year the road and bridge, army of more than 20,600 according to the present year the road and bridge, and several divisions and it has a road working army of more than 20,600 according to the present year the road and bridge, and specifications for all bridges and caliverts.

The archipelago has been divided up into road divisions, and these divisions into districts. Every district has its to be completed within the next five years and work on the branch roads, will be carried on with it. During hore, a present year the road and bridge, from the board of public works at hands. Each island has its own probing on in twenty-nine of the thirty-line of the thi

through which they go. They are having the same effect as the building or a new railroad in the United States. Villages are springing up along them, new farms have been laid out, and blacksmith enops are put up at the crossways to make broad-tired cart wheels.

The Railroad Movement.

As to the railroads, the government has been slow in granting concessions for them. Indeed, it is a question whother it has not been too slow. We have now had the islands over twelve years, and at the present writing we have not more than 1,009 miles of railroad. This is true, notwithstanding the population numbers 8,000,000 and that the country is about the richest of the world.

In this estimate I include both electric and steam roads. There are about The Railroad Movement

do well in the Philippines. The mountain streams should furnish electric power, and many parts of the islands are so thickly populated that the roads will pay yell.

President Taft says the chief hope for pront in the railways is the passenger traffic, but when one constaers the emorable possibilities in tobacco, rice, sugar, being and other heavy crops, it is hard to see why the freight traffic would not pay equally well.

When we took possession of the islands the only road was a line 173 miles long, running from Manila north to Dagipan, through a valley covered with rice and sugar plantations. I rode through that region, keeping my head well away from the windows, which were occasionally peppered by the shots of the bandits, who hid in the bamboo clumps here and three. The road was poorly built and poorly managed, being owned by the English. That road has been reconstructed and so extended that it opens up the northern part of Luzon. It has a good traffic and is said to pay well.

It is now sending out branches into Southern Luzon, into Batangas, Tayabas and other provinces. The Visayan Islands are being opened up by the Philippine Railway Company, several roads being under construction in Cebu and Paney. Hoads have also been planned for the island of Negros.

Improving the Ports.

A great deal of work is going on in bettering the water transportation of the Philippines, and the shipping has greatly increased. There are now more than 164 steamers engaged in the coasting trade; and there are four or five hundred sailing vessels and boats which ply from island to island. Modern methods of handling freight have been introduced, and scagoing vessels can load and unload with safety at moderate expense. The harbore have been deepened, and ships drawing thirty feet can now come into Manila. A new custom house has been spent on the harbor.

Lighthouses have been creeted along most of the coasts throughout the islands. When we took possession there were only twenty-seven lights in operation. There are now 139 and in

free delivery, and there are now in operation in the neighborhood of 600 post-omces, connected with which are



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to cut through at the ends.

and which therefore strain the materials unduly.

Can Cancer Be Cured?

IT CAN

The record of the Kellam Health will keep you looking young.

HAY'S HAIR HEALTH will keep you looking young.

They bring his about one-fifth years, when they have to be and the business in capable of the markets. In some places the nuts drop of themselves, and the phaste when they have to be taken up and carried to the markets. In some places the nuts drop of themselves, and they have to be taken up and carried to the markets. In some places the nuts drop of themselves, and they have to be taken up and carried to the markets. In some places the nuts drop of themselves, and they have to be taken up and carried to the markets. In some places the nuts drop of themselves, and they have to be taken up and carried to the markets. In some places the nuts drop of themselves, and they have to be taken up and carried to the markets. In some places the nuts drop of themselves, and they have to be taken up and carried to the markets. In some places the nuts drop of themselves, and they have to be taken up and carried to the markets. In some places the nuts drop of themselves, and they have to do is to plant the condition of the markets. In some places the nuts drop of themselves, and they have to do is to plant the condition of the markets. In some places the nuts drop of themselves, and they have to do is to plant the condition of the markets. In some places the nuts drop of themselves, and they have to do is to plant the condition of the markets. In some places the nuts drop of themselves, and they have to do is to plant the condition of the markets. In some places the nuts drop of themselves, and they have to do i TREE TO YOU—MY SISTER Frace to You and Every Sister out the full state of the control of the first form when all minds and the state of the first form when all minds are the first form and the first form and

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